

Colloquium

Diversity in Dynamics of Phase Transitions: Recent findings from studies of simple model systems

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Following a general discussion on universalities related to various structural and dynamical aspects of phase transitions, I will concentrate on nonequilibrium phenomena. In this domain a set of problems will be described with the objective of highlighting how various aspects of coarsening phenomena depend upon space dimension, morphology etc. Finally, I will present results from two problems of my current interest. One is related to kinetics of vapour-solid transitions and the other deals with the ordering in popular Ising ferromagnet. The aim will be to project the breadth of diversity even in simple situations.

Wednesday, Aug 29th 2018

4:00 PM (Tea/Coffee at 3:30 PM)

Auditorium, TIFR-H